

# WeekReport\_2019-07-01\_07-07\_E

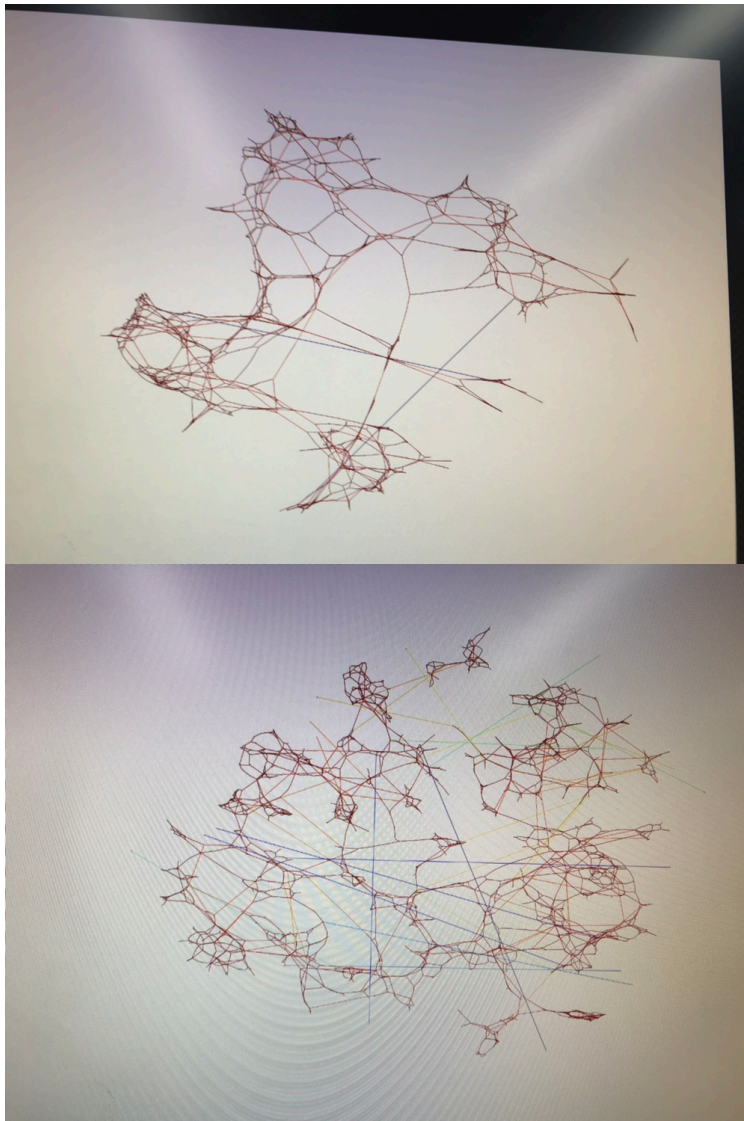
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## Week Overview

- this week I worked on the GraphLayout project and learned deep learning
- $8 + 8 + 8 + 8 + 6 + 0 + 4 = 42$  hours

## Graphlayout

- through modify the negative sampling I think we have a better performance in some datasets which has a bad performance compare with FM3, as the picture shows, the left picture is the new result in us\_powergrid datasets



## Learn GNN

- I make research on papers about graph in VIS 2018. there is only two papers which mentioned graph embedding. The other papers is about complex graph system or novel graph visulization method.Mr Zhu think we can use GNN on graph visualization

- this week I start to learn deep learning and GNN

## Coding Practice

- this week the ZJUVAG offer training has started. and 11 students attended our training.
- Although we have tried to choose simple problem, many people still think these problems are too hard. Perhaps codeforces.com is still too difficult, it may be more suitable to train on leetcode.

Begin: 2019-07-11 14:00 CST

End: 2019-07-17 14:00 CST

ZJUVAG 第一次编程训练

Elapsed: 78:08:27

Running

Remaining: 65:51:32

Overview

Problem

Status

Rank (78:08:27)

0 Comments

Setting

☆Favorite

Clone

Update

Delete

Rank	Team	Score	Penalty	A 9 / 13	B 7 / 11	C 5 / 14	D 0 / 9	E 1 / 1	F 4 / 4	G 1 / 8	H 1 / 1	I 1 / 1	J 1 / 6	K 3 / 12
1	kuoluo (kuoluo)	6	16672	32:00:20	32:38:52	34:23:17 (-2)			49:31:24				(-5)	72:01:19 (-5)
2	iwanna955 (aki)	5	8565	02:49:07	05:01:26	30:54:58			71:57:00					30:42:56 (-4)
3	0902150324 (zhoujehui)	5	16771							55:35:24	57:32:31	57:56:02	54:04:03	54:23:49
4	wangxumeng (wxm)	4	6907	21:54:33 (-3)	22:02:36 (-1)	22:22:12 (-1)	(-9)		47:07:40	(-7)				
5	ykjage (yki)	4	9121	23:39:44	24:22:15	24:09:45 (-6)			77:49:24					
6	brickmaker (brickmaker)	3	383	00:51:10	02:37:21	02:55:04								
7	panrusheng (echizen)	2	232	01:40:59	01:51:56 (-1)									

## Other

- teach students in VIS summer school as teacher assistant in Sunday

## Short-term perspective

Work	deadline	Tip
continue my graphlayout project	Friday	

## Long-term perspective

Work	deadline	Tip or Progress
GraphLayout	9.1	modify the multilevel
coding tutorial	9.1	